

Title (en)
METHOD FOR THE PRODUCTION OF CONTAINERS

Title (de)
VERFAHREN ZUR HERSTELLUNG VON BEHÄLTERN

Title (fr)
PROCÉDÉ DE FABRICATION DE RÉCIPIENTS

Publication
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Application
EP 21200896 A 20211005

Priority
DE 102020129996 A 20201113

Abstract (en)
[origin: CA3136963A1] The method of manufacturing containers consisting of a substantially stiff outer container and a readily deformable inner bag of first and second thermoplastic plastic materials, which do not form a weld connection with one another, wherein a first thermoplastic plastic material for the outer container is supplied to a first screw conveyor and the second thermoplastic plastic material for the inner bag is supplied to a second screw conveyor, which are connected to an extruder nozzle, which coextrudes a preform consisting of two tubes, which is arranged between the open halves of a blow mould, wherein the blow mould is closed when the preform has the length necessary for the manufacture of the container, wherein excess material in the base material of the container to be manufactured is squeezed out and a web is formed from material of the outer container, in which the welded base seam of the inner bag can be clamped and held in the axial direction, and wherein the preform is inflated by a pressure medium into engagement with the wall of the blow mould and is removed from the blow mould and whereafter the inner bag is detached from the wall of the outer container is characterised in that the excess material is supplied again to the first screw conveyor, which mixes the excess material with the first thermoplastic plastic material and supplies it to the extruder nozzle, wherein the first thermoplastic plastic material has a lower viscosity in the molten state than the excess material so that the outer layer of the extruded tube consists only of the first thermoplastic plastic material.

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